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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	
Application Number	10/679,257
Filing Date	October 7, 2003
First Named Inventor	Loscalzo
Art Unit	1655
Examiner Name	Dr. K.C. Srivastava
Attorney Docket Number	102258.337.US2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KS		US- 6,242,432 B1	06-05-2001	del Soldato	
KS		US- 6,635,273 B1	10-21-2003	Loscalzo et al	
KS		US- 6,465,463 B1	10-15-2002	Cohn et al	
KS		US- 2004/0005306 A1	01-08-2004	Loscalzo et al	
KS		US- 4,828,836	05-09-1989	Elger et al	
KS		US- 5,593,694	01-14-1997	Hayashida et al	
KS		US- 5,853,751	12-29-1998	Masiz	
KS		US- 5,837,289	11-17-1998	Grasela et al	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

Examiner Signature	/Kailash Srivastava/	Date Considered	07/09/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known	
Application Number	10/679,257
Filing Date	October 7, 2003
First Named Inventor	Loscalzo
Group Art Unit	1655
Examiner Name	Dr. K.C. Srivastava
Attorney Docket Number	102258.337 US2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
KS		Johnson, Clinical Pharmacy, Vol. 5, pages 536 and 541 (1986).	
KS		Massie et al, Br. Heart J., 45:376-384 (1981).	
KS		Turner et al, The American Journal of Cardiology, 47:910-916 (1981).	
KS		Massie et al, Circulation, 63(3):658-664 (1981).	
KS		Nelson et al, Journal of Cardiovascular Pharmacology, 5(4):574-579 (1983).	
KS		Leier et al, Circulation, 63(1):102-109 (1981).	
KS		Wilson et al, The American Journal of Medicine, 71:627-633 (1981).	
KS		Biddle et al, J. Clin. Pharmacol., 21:343-350 (1981).	
KS		Magorien et al, Midwest Cardiovascular, page 617A	
KS		Turner et al, Clinical Research, 29(2):246A (1981).	
KS		Hibiya et al, Japanese Circulation Journal, 45:966 (Abstract No. 338) (1981).	

Examiner Signature	/Kailash Srivastava/	Date Considered	07/09/2006

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Art Unit	1655
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OIPE JAN 28 2004 PATENT & TRADEMARK OFFICE

NON PATENT LITERATURE DOCUMENTS

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KS		Franciosa et al, Circulation, 59(6):1085-1091 (1979).	
KS		Lanas et al, Rev. Med. Chile, 107:926-930 (1979).	
KS		Usdin et al, Coeur, 10(1):119-128 (1979).	

Examiner Signature	/Kailash Srivastava/	Date Considered	07/09/2006

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

ATTY. DOCKET NO.	SERIAL NO.
102258.337US2	10/679,257
APPLICANT: Joseph LOSCALZO et al.	
FILING DATE: October 7, 2003	GROUP: ~~1615~~ 1655

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
KS	4,293,565	10/06/81	Cordes et al.			10/09/79
KS	4,584,315	04/22/86	Marshall			12/13/83
KS	6,458,797	10/01/02	Adams et al.			06/12/01
KS	US 2004/0063719	04/01/04	Adams et al.			05/02/03

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes	Translation No
KS	09059152	03/04/97	Japan			X	
KS	EP 0 968 713 A1	05/11/98	Europe			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

KS	21 June 2004. Supplementary Partial European Search Report for EP 00 97 6651.0.

EXAMINER	DATE CONSIDERED
/Kailash Srivastava/	07/09/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known	
Application Number	10/679,257
Filing Date	10/07/2003
First Named Inventor	LOSCALZO, et al.
Art Unit	~~1615~~ 1655
Examiner Name	~~To Be Assigned~~
Attorney Docket Number	102258.337US2

EXAMINER: Dr. K.C. Srivastava

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KS		US- 5,760,069	06/02/1998	Lukas-Laskey et al.	
KS		US- 5,902,821	05/11/1999	Lukas-Laskey et al.	
~~—~~		~~US- 60/170,020~~	~~01/31/2000~~	~~Loscalzo, et al.~~	not a publication
~~—~~		~~US- 60/162,230~~	~~10/29/1999~~	~~Loscalzo, et al.~~	not a publication
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Examiner Signature	/Kailash Srivastava/	Date Considered	07/09/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete if Known	
Application Number	10/679,257
Filing Date	10/07/2003
First Named Inventor	LOSCALZO, et al.
Art Unit	~~1615~~ 16155
Examiner Name	~~To Be Assigned~~
Attorney Docket Number	102258.337US2

EXAMINER: Dr. K.C. Srivastava

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
KS	AA	FRANCIOSA, Joseph A., "African-American Heart Failure Trial (A-HeFT): Rationale, Design, and Methodology," Journal of Cardiac Failure, Vol. 8, No. 3, 2002, pp. 128-135	
KS	AB	YANCY, Clyde W., et al., "Race and the Response to Adrenergic Blockage with Carvedilol in Patients with Chronic Heart Failure," N. Engl. J. Med., Vol. 344, No. 18, May 3, 2001, pp. 1358-1365	
KS	AC	YANCY, Clyde W., "Heart Failure in African Americans: A Cardiovascular Enigma," Journal of Cardiac Failure, Vol. 6, No. 3, 2000, pp. 183-186	
KS	AD	EXNER, Derek V., et al., "Lesser Response to Angiotensin-Converting-Enzyme Inhibitor Therapy in Black as Compared with White Patients with Left Ventricular Dysfunction," N. Engl. J. Med., Vol. 344, No. 18, May 3, 2001, pp. 1351-1357	
KS	AE	PACKER, Milton, et al., "Effect of Carvedilol on Survival in Severe Chronic Heart Failure," N. Engl. J. Med., Vol. 344, No. 22, May 31, 2001, pp. 1651-1658	
KS	AF	"A Trial of the Beta-Blocker Bucindolol in Patients with Advanced Chronic Heart Failure," N. Engl. J. Med., Vol. 344, No. 22, May 31, 2001, pp. 1659-1667	
KS	AG	BRAUNWALD, Eugene, "Expanding Indications for Beta-Blockers in Heart Failure," N. Engl. J. Med., Vol. 344, No. 22, May 31, 2001, pp. 1711-1712	
KS	AH	SCHWARTZ, Robert S., "Racial Profiling in Medical Research," N. Engl. J. Med., Vol. 344, No. 18, May 3, 2001, pp. 1392-1393	
KS	AI	LEVINE, T. Barry, "Paradoxical Hypertension after Reversal of Heart Failure in Patients Treated with Intensive Vasodilator Therapy," American Journal of Hypertension, Ltd., 1998; 11:1041-1047	
KS	AJ	ABSTRACTS - Heart Failure 179A, JACC, February 1999	

Examiner Signature	/Kailash Srivastava/	Date Considered	07/09/2006

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Sheet 3 of 3

Complete If Known	
Application Number	10/679,257
Filing Date	10/07/2003
First Named Inventor	LOSCALZO, et al.
Art Unit	~~1615~~ 1655
Examiner Name	~~To Be Assigned~~
Attorney Docket Number	102258.337US2

EXAMINER: Dr. K.C.Srivastava

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KS	AK	KAHN, Jonathan, "How a Drug Becomes "Ethnic": Law, Commerce, and the Production of Racial Categories in Medicine," Yale Journal of Heath Policy, Law, and Ethics IV:1 (2004), pp. 1-46	
KS	AL	PARKER, John D., et al., "The Effect of Hydralazine on the Development of Tolerance to Continuous Nitroglycerin," The Journal of Pharmacology and Experimental Therapeutics, Vol. 280, No. 2, pp. 866-875	
KS	AM	KALINOWSKI, Leszek, et al., "Race-Specific Differences in Endothelial Function - Predisposition of African Americans to Vascular Diseases," Circulation, June 1, 2004, pp. 2511-2517	

Examiner Signature	/Kailash Srivastava/	Date Considered	07/09/2006

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Sheet 1 of 2

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KS		EP 0327263 A	08/09/1989	Proctor		
KS		WO 01/35961 A	05/25/2001	Loscalzo et al.		

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KS		TUCKER, A. T. et al. 11/13/99, "Effect of nitric-oxide-generating system on microcirculatory blood flow in skin of patients with severe Raynaud's syndrome: a randomised trial"	
KS		04/05/2005. Supplementary European Search Report from European Patent Application No. 01932915.0.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known	
Application Number	10/679,257
Filing Date	10/07/2003
First Named Inventor	Loscalzo
Group Art Unit	1655
Examiner Name	Dr. K.C. Srivastava
Attorney Docket Number	102258.337 US2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	KS	4,868,179		Cohn	09-19-1989	
	KS	5,645,839		Chobanian et al	07-08-1997	
	KS	5,891,459		Cooke et al	04-06-1999	
		5,968,983		Kaesemeyer et al	10-19-1999	
	KS	5,973,011		Noack et al	10-26-1999	
	KS	6,103,769		Kelm	08-15-2000	
		6,117,872		Maxwell et al	09-12-2000	
	KS	5,627,191		Birch et al	05-06-1997	
	KS	6,319,515	B1	Hidaka et al	11-20-2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Office[3]	Number[4]	Kind Code[5] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	KS	WO	95/26725		Noack et al	10-12-1995		
		WO	99/66921		Cooke et al	12-29-1999		
	KS	WO	98/21193		Del Soldato	05-22-1998		
	KS	WO	99/00361		Del Soldato	01-07-1999		
	KS	WO	99/67231		Del Soldato	12-29-1999		

Examiner Signature	/Kailash Srivastava/	Date Considered	06/28/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 4

Complete if Known	
Application Number	10/679,257
Filing Date	October 27, 2000
First Named Inventor	Loscalzo
Group Art Unit	1655
Examiner Name	~~Dr. K.C. Srivastava~~
Attorney Docket Number	102258.337US1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
KS		Cohn et al, The New England Journal of Medicine, 325(5):303-310 (1991).	
KS		Cohn et al, The New England Journal of Medicine, 314(24):1547-1552 (1986).	
KS		Carson et al, Circulation, Supplement I, 92(8):I31-I32, Abstract No. 0145 (1995).	
KS		Francis et al, Circulation, Supplement VI, 87(6):VI40-VI48 (1993).	
KS		Pierpont et al, Chest, 73(1):8-13 (1978).	
KS		Massie et al, The American Journal of Cardiology, 40:794-801 (1977).	
KS		Kaplan et al, Annals of Internal Medicine, 84:639-645 (1976).	
KS		Bauer et al, Circulation, 84(1):35-39 (1991).	
KS		The SOLVD Investigators, The New England Journal of Medicine, 327(10):685-691 (1992).	
KS		Ziesche et al, Circulation, 87(6):VI56-VI64 (1993).	
KS		Rector et al, Circulation, 87(6):VI71-VI77 (1993).	

Examiner Signature	/Kailash Srivastava/	Date Considered	07/09/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 4

Complete if Known	
Application Number	10/679,257
Filing Date	October 27, 2000
First Named Inventor	Loscalzo 07/09/2006
Group Art Unit	1655
Examiner Name	Dr. K.C. Srivastava
Attorney Docket Number	102258.337US1

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KS		Carson et al, Journal of Cardiac Failure, 5(3):178-187 (September 10, 1999).	
KS		Dries et al, The New England Journal of Medicine, 340(8):609-616 (February 25, 1999).	
KS		Freedman et al, Drugs, 54(Supp. 3):41-50 (1997).	
KS		Sherman et al, Cardiologia, 42(2):177-187 (1997).	
KS		Biegelson et al, Coronary Artery Disease, 10:241-256 (1999).	
KS		Rudd et al, Am. J. Physiol., 277(46):H732-H739 (1999).	
KS		Hammerman et al, Am. J. Physiol., 277(46):H1579-H1592 (1999).	
KS		Loscalzo et al, Transactions of the American and Climatological Ass., 111:158-163 (2000).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 4

Complete if Known	
Application Number	10/679,257
Filing Date	10/07/2003
First Named Inventor	Loscalzo
Group Art Unit	1655
Examiner Name	D. K.C. Srivastava
Attorney Docket Number	102258.337 US2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
KS		Dupuis, Cardiovascular Drugs and Therapy, 8(3):501-507 (1994).	
KS		Dupuis, Cardiovascular Drugs and Therapy, 8(3):501-507 (1994) (ABSTRACT).	
KS		von Lutterotti et al, American Journal of Hypertension, 4(4 Part 2):346S-349S (1991).	
KS		Burnier et al, Hypertension, 22(3):339-347 (1993).	

Examiner Signature	/Kailash Srivastava/	Date Considered	07/09/2006

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